

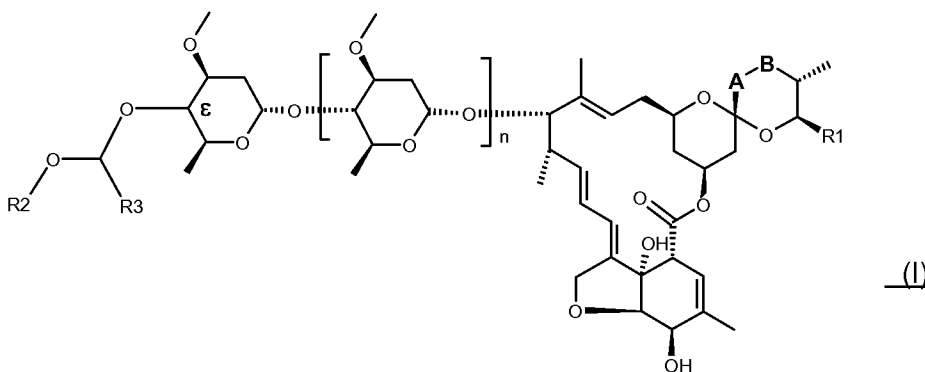
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3. (Cancelled)

4. (Currently Amended) A compound according to claim 1 of [[the]]formula (I),



wherein

n is 0 or 1;

A-B is -CH=CH- or -CH₂-CH₂-;

R₁ is C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl or C₂-C₁₂-alkenyl;

R₂ is C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkynyl; or C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl or C₂-C₁₂-alkynyl,

which are substituted with one to five substituents selected from the group consisting of OH,

halogen, CN, -N₃, -NO₂, C₃-C₈-cycloalkyl which is optionally substituted with one to three

C₁-C₆-alkyl-groups, C₃-C₈-cycloalkenyl which is optionally substituted with one to three

C₁-C₆-alkyl-groups, norbornylenyl-, C₃-C₈-halocycloalkyl, C₁-C₁₂-alkoxy, C₁-C₆-alkoxy-C₁-C₆-alkoxy,

C₃-C₈-cycloalkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₃-C₈-cycloalkylthio, C₁-C₁₂-haloalkylthio,

C₁-C₁₂-alkylsulfinyl, C₃-C₈-cycloalkylsulfinyl, C₁-C₁₂-haloalkylsulfinyl, C₃-C₈-halocycloalkylsulfinyl,

C₁-C₁₂-alkylsulfonyl, C₃-C₈-cycloalkylsulfonyl, C₁-C₁₂-haloalkylsulfonyl,

C₃-C₈-halocycloalkylsulfonyl, -NR₄R₆, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, -P(=O)(OC₁-C₆-alkyl)₂, aryl,

heterocyclyl, aryloxy, arylthio and heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy, arylthio

and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring –

substituted with one to five substituents selected from the group consisting of OH, Halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-Cycloalkyl, C₁-C₁₂-Haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-Haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, Si(C₁-C₁₂-alkyl)₃, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, aryl, aryloxy, heterocyclyl and heterocyclyloxy; or

R₂ is aryl, heterocyclyl C₃-C₈-Cycloalkyl, C₃-C₈-Cycloalkenyl; or aryl, heterocyclyl C₃-C₈-Cycloalkyl or C₃-C₈-Cycloalkenyl, which are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, dimethylamino-C₁-C₆-alkoxy, C₂-C₈-alkenyl, C₂-C₈-alkinyl, methylenedioxy, aryl, aryloxy, heterocyclyl and heterocyclyloxy; wherein R₃ is C₃-C₈-alkyl[.];

X is O, NR₅ or a bond;

Y is O or S;

Z is O, S or NR₅

R₄ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

R₅ is H, C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, benzyl or -C(=O)-C₁-C₁₂-alkyl;

R₆ is H, C₁-C₁₂-alkyl which is optionally substituted with halogen, C₁-C₆-alkoxy, CN, C₂-C₈-alkenyl, C₂-C₈-haloalkenyl, C₂-C₈-alkinyl, C₁-C₁₂-Haloalkenyl, -X-C(=Y)-R₉, -X-C(=Y)-Z-R₉, -SO₂-R₉, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl or C₁-C₆-haloalkoxy; or

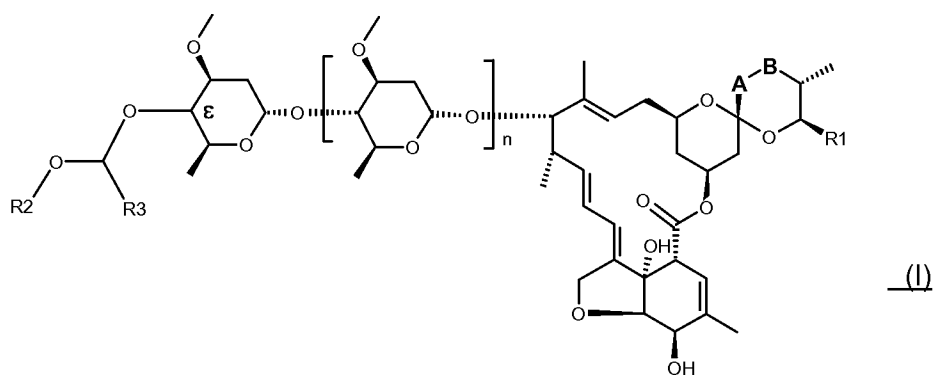
R₄ and R₆ together are a three- to five membered alkylene bridge, wherein one of the methylene groups may be replaced by O, S or SO₂; and

R₉ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or

heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

and, where applicable, to E/Z isomers, mixtures of E/Z isomers and/or tautomers, in each case in free form or in salt form.

5. (Currently Amended) A compound according to claim 4 of [[the]]formula (I),



wherein

n is 0 or 1;

A-B is -CH=CH- or -CH₂-CH₂-;

R₁ is C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl or C₂-C₁₂-alkenyl;

R₂ is C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkinyl; or C₁-C₁₂-alkyl, C₂-C₁₂-alkenyl or C₂-C₁₂-alkinyl,

which are substituted with one to five substituents selected from the group consisting of OH,

halogen, CN, -N₃, -NO₂, C₃-C₈-cycloalkyl which is optionally substituted with one to three

C₁-C₆-alkyl-groups, C₃-C₈-cycloalkenyl which is optionally substituted with one to three

C₁-C₆-alkyl-groups, norbornylenyl-, C₃-C₈-halocycloalkyl, C₁-C₁₂-alkoxy, C₁-C₆-alkoxy-C₁-C₆-alkoxy,

C₃-C₈-cycloalkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₃-C₈-cycloalkylthio, C₁-C₁₂-haloalkylthio,

C₁-C₁₂-alkylsulfinyl, C₃-C₈-cycloalkylsulfinyl, C₁-C₁₂-haloalkylsulfinyl, C₃-C₈-halocycloalkylsulfinyl,

C₁-C₁₂-alkylsulfonyl, C₃-C₈-cycloalkylsulfonyl, C₁-C₁₂-haloalkylsulfonyl,

C₃-C₈-halocycloalkylsulfonyl, -NR₄R₆, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, -P(=O)(OC₁-C₆-alkyl)₂, aryl,

heterocyclyl, aryloxy, arylthio and heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy, arylthio

and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring –

substituted with one to five substituents selected from the group consisting of OH, Halogen, CN,

NO₂, C₁-C₁₂-alkyl, C₃-C₈-Cycloalkyl, C₁-C₁₂-Haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-Haloalkoxy,

C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, Si(C₁-C₁₂-alkyl)₃, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, aryl, aryloxy, heterocyclyl and heterocyclyloxy; or
R₂ is aryl, heterocyclyl C₃-C₈-Cycloalkyl, C₃-C₈-Cycloalkenyl; or aryl, heterocyclyl C₃-C₈-Cycloalkyl or C₃-C₈-Cycloalkenyl, which are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, dimethylamino-C₁-C₆-alkoxy, C₂-C₈-alkenyl, C₂-C₈-alkinyl, methylenedioxy, aryl, aryloxy, heterocyclyl and heterocyclyloxy;
wherein R₃ is C₁-C₈-alkyl which is substituted with one to five substituents selected from the group consisting of OH, halogen, CN, -N₃, -NO₂, C₃-C₈-cycloalkyl which is optionally substituted with one to three C₁-C₆-alkyl groups, norbornenyl-, C₃-C₈-Cycloalkenyl which is optionally substituted with one to three methyl groups; C₃-C₈-halocycloalkyl, C₃-C₈-cycloalkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, aryl, heterocyclyl, arylthio or heterocyclyloxy; wherein the aryl, heterocyclyl, arylthio and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, Halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, Si(C₁-C₁₂-alkyl)₃, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, aryl, aryloxy, heterocyclyl and heterocyclyloxy[.];

X is O, NR₅ or a bond;

Y is O or S;

Z is O, S or NR₅

R₄ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

R₅ is H, C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, benzyl or -C(=O)-C₁-C₁₂-alkyl;

R₆ is H, C₁-C₁₂-alkyl which is optionally substituted with halogen, C₁-C₆-alkoxy, CN, C₂-C₈-alkenyl, C₂-C₈-haloalkenyl, C₂-C₈-alkinyl, C₁-C₁₂-Haloalkenyl, -X-C(=Y)-R₉, -X-C(=Y)-Z-R₉, -SO₂-R₉, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally

substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl or C₁-C₆-haloalkoxy; or

R₄ and R₆ together are a three- to five membered alkylene bridge, wherein one of the methylene groups may be replaced by O, S or SO₂; and

R₉ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

and, where applicable, to E/Z isomers, mixtures of E/Z isomers and/or tautomers, in each case in free form or in salt form.

6-7. (Cancelled)

8. (New) A compound according to claim 4 of the formula (I), wherein R₃ is C₇-C₈ alkyl.